Attorney Docket No.: SAM-0504

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TO: United States Patent and Trademark Office
Attn: Examiner Prabodh M. Dharia
Group Art Unit: 2629

FROM: Steven M. Mills

Applicant(s): Hyoung-rae Kim
Serial No.: 10/712,164
Filing Date: November 13, 2003
Title: SUPER TWISTED NEMATIC (STD) LIQUID CRYSTAL DISPLAY (LCD) DRIVER AND DRIVING METHOD THEREOF

FAX NO: (571) 273-7668 **DATE:** February 8, 2008

NUMBER OF PAGES INCLUDING COVER SHEET: 3

REMARKS:

Dear Examiner Dharia:

In accordance with our discussions, with regard to U.S. Application Serial Number 10/712,164, attached are proposed amended claims 9 and 12. As we discussed, please enter the amendments to claims 9 and 12 by an Examiner's Amendment.

We thank you for your assistance.

Respectfully submitted,

Steven M. Mills
Registration Number 36,610
Attorney for Applicants

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9. (Currently Amended) A driving method of a super twisted nematic (STN) liquid crystal display (LCD) driver using an nFRC method that drives an STN LCD, wherein n is a natural number, the driving method comprising:

(a) determining whether a frame rate control (FRC) selection signal is in accordance with an nFRC method;

(b) counting a number of sub frames in a frame and generating a frame flag signal in response to the FRC selection signal in accordance with the nFRC method; and

(c) receiving [[a]]the frame flag signal which inverts a level of a liquid crystal polarity inversion signal in the frame, wherein ~~and generating a~~ the liquid crystal polarity inversion signal ~~in the frame that~~ inverts a polarity of an STN liquid crystal of the STN LCD only once in the frame when the number of sub frames in the frame, counted in step (b), is n.

12. (Currently Amended) A driving method of a super twisted nematic (STN) liquid crystal display (LCD) driver using an nFRC method, wherein n is a natural number, comprising:

(a) counting a number of sub frames in a frame and generating a frame flag signal in response to the FRC selection signal in accordance with the nFRC method; and

(b) inverting a polarity of an STN liquid crystal only once in each frame when the number of sub frames in the frame, counted in step (a), is n.

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REMARKS:

Dear Examiner Dharia:

According to our discussion today, with regard to U.S. Application Serial Number 10/712,164, attached is proposed amended claim 9. As we discussed, please enter the amendments to claim 9 by an Examiner's Amendment.

We thank you for your assistance.

Steven M. Mills
Registration Number 36,610
Attorney for Applicants

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9. (Currently Amended) A driving method of a super twisted nematic (STN) liquid crystal display (LCD) driver using an nFRC method that drives an STN LCD, wherein n is a natural number, the driving method comprising:

(a) determining whether a frame rate control (FRC) selection signal is in accordance with an nFRC method;

(b) counting a number of sub frames in a frame and generating a frame flag signal in response to the FRC selection signal in accordance with the nFRC method; and

(c) receiving [[a]]the frame flag signal which inverts a level of a liquid crystal polarity inversion signal in the frame, wherein ~~and generating a~~ the liquid crystal polarity inversion signal ~~in the frame that~~ inverts a polarity of an STN liquid crystal of the STN LCD only once in the frame when the number of sub frames in the frame, counted in step (b), is n.

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